



KEYED NOTES:

- ① PROVIDE MINIMUM CLEARANCES FROM PERMANENT OBSTRUCTIONS FOR UNIT TESTING AND REPAIR (PER MANUFACTURERS REQUIREMENTS).
- ② AIR GAP KIT. DRAIN PIPE SIZE MINIMUM ONE PIPE SIZE LARGER THAN BACKFLOW PREVENTER. ROUTE DRAIN PIPE TO DAYLIGHT & COVER EXPOSED END WITH 1/4" HARDWARE CLOTH.

SPRINKLER SYSTEM RISER BFP DETAIL

SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICIABLE REQUIRMENTS, CONTACT THE ESM FIRE PROTECTION POC.
2. REFER TO DIVISION 13 FOR FIRE SUPPRESSION SPRINKLER SPECIFICATIONS. (INCLUDES BACKFLOW PREVENTER SPECS).
3. REFER TO LANL ENGINEERING MANUAL, MECHANICAL CHAPTER, FOR CROSS CONNECTION CONTROL REQUIREMENTS IN FIRE LINES.
4. WHERE FIRE PROTECTION WATER SUPPLY IS DEDICATED FIRE PROTECTION WATER, BACKFLOW PREVENTER IS NOT REQUIRED.
5. SIZE FIRE LINE BFP TO MATCH ALARM CHECK VALVE SIZE.
6. PROVIDE FLOOR DRAIN TO SANITARY SEWER NEAR BFP. ROUTE DRAIN PIPING TO MINIMIZE A TRIPPING HAZARD.
7. BFP INSTALLED MORE THAN 5 FEET ABOVE FLOOR SHALL BE PROVIDED WITH A PLATFORM CAPABLE OF SUPPORTING A TESTER OR MAINTENANCE PERSON (UPC REQUIREMENT).

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

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2	8-8-04	U	REVISED DRAWING FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED.	BP	AT	JW	JP	TS
1	8-28-02	U	NEW SHEET	BP	AT	JW	JP	TS
NO	DATE	DATE REV	DESCRIPTION	DATE	BY	CHKD	APP	APP

**FACILITY & WASTE OPERATIONS
SYSTEMS ENGINEERING & MAINTENANCE**

LANL ENGINEERING MANUAL

DESIGN	ATY/MLL
CHECKED	AL/MLL
DATE	8-28-02

BLDG. X SUBMITTED TA-X APPROVED FOR RELEASE

DOORLINE FOR AREA VISOR SENIORS MANAGER: TOM OLSH

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CLASSIFICATION U REVISION 1 LASTY 8/28/02 DATE

PROJECT ID CHAPTER 2 SHEET NO. 6 OF 8

REV 2